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FELLOW ARCADIAN,

WINTER IS FULL UPON US, NO DEGREES LAST NIGHT AND EVEN FEWER PREDICTED FOR TONIGHT. THE GIANT HONEYWELL HERE WHERE I WORK HAS BEEN FLAT ON ITS BUTT FOR THE BETTER PART OF JANUARY. THE COMBINATION OF THESE TWO UNRELATED FACTORS HAS PROVIDED ME WITH THE TIME TO COMPLETE A SIGNIFICANT HOBBY PROJECT.

I, LIKE SO MANY OTHER ARCADIANs, FOUND THE BALLY TO BE A WONDERFUL DEVICE. PROGRAMMING THE SOUND, THE COLOR, ACCESSING THE CONTROLLERS... ~~AND~~ STAYING UP LATE CODING ONE MORE EFFECT... BUT AFTER A WHILE ONE COMES TO AN APPRECIATION OF THE LIMITATIONS. SLOW EXECUTION AND LIMITED MEMORY RULE OUT MY MORE ELABORATE SCHEMES.

IT WAS WITH GREAT ANTICIPATION THAT I READ AGAIN AND AGAIN OF THE IMPENDING RELEASE OF THE EXPANSION MODULE. I SAVED MY LUNCH MONEY WAITING FOR THE FULL KEYBOARD, THE DISK DRIVE, GRAFFIX. MOSTLY, I JUST WAITED. A YEAR PASSED AND STILL NO ADD-ON.

SO ABOUT A YEAR AGO, I GAVE UP. I BOUGHT AN APPLE II PLUS. A WONDERFUL, FAITHFUL DEVICE THAT HAS PROVIDED ME WITH HUNDREDS OF PLEASANT HOURS. I HAVE NOTHING BUT GOOD TO SAY ABOUT IT. IT IS FAST; IT HAS MEMORY; IT HAS DISK. AND NOW...

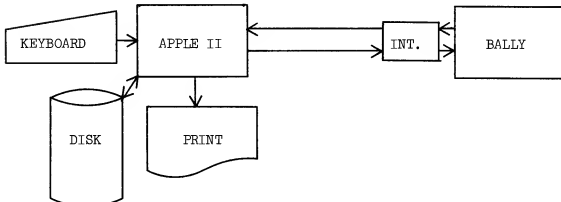
I HAVE COMPLETED THE SOFTWARE TO CONNECT THE TWO!!

WHAT CAN IT DO?

- A. STORE BALLY PROGRAMS ON APPLE DISK. NO MORE CASSETTES TO FUSS WITH.
- B. LOAD PROGRAMS TO THE BALLY FROM THE APPLE.
- C. USE THE APPLE KEYBOARD TO ENTER PROGRAMS ON THE BALLY.
- D. LIST BALLY PROGRAMS ON THE APPLE PRINTER.

THE SOFTWARE CONSISTS OF SEVERAL MACHINE LANGUAGE ROUTINES THAT ARE CALLED FROM A BASIC PROGRAM. THE INTERFACE MAKES THE BALLY LOOK LIKE A CASSETTE TO THE APPLE AND VICE VERSA.

HERE IS A SIMPLE DIAGRAM OF THE HARDWARE CONFIGURATION. NOTICE THAT NO ADDITIONAL HARDWARE IS REQUIRED.



IT IS DIFFICULT TO RELATE HOW MUCH MORE QUICKLY A PROGRAM MAY BE KEYED IN WITH THIS SYSTEM. UNRELIABLE TAPES ARE ELIMINATED. ONE DISK CAN HOLD A LOT OF PROGRAMS. TO SIMPLIFY ENTRY, ONLY THE FIRST TWO LETTERS OF THE BALLY KEY WORDS NEED BE ENTERED. TO ENTER "RETURN", KEY IN "RE".

I AM QUITE EXCITED ABOUT THIS. I HAVE WRITTEN A Z-80 DISASSEMBLER THAT RUNS ON THE APPLE USING INPUT FROM THE BALLY. SIMILARLY, THE APPLE CAN NOW ACCESS THE THREE VOICES IN THE BALLY SOUND SYSTEM. EACH ACTS AS A PERIPHERAL FOR THE OTHER.

BECAUSE I FEEL THAT THIS IS A QUALITY PROFESSIONAL PRODUCT, I AM NOT PROVIDING IT TO YOU FOR PUBLICATION. '81.

PLEASE RUN THE FOLLOWING ADVERTISEMENT IN THE ARCADIAN:

APPLE TO BALLY INTERFACE -- COMPLETE APPLE SOFTWARE LISTINGS TO COMMUNICATE WITH THE ARCADE CASSETTE INTERFACE. STORE BALLY PROGRAMS ON APPLE DISK. USE APPLE KEYBOARD TO ENTER BALLY PROGRAMS. COMPLETE DOCUMENTATION...\$5  
BOB WISEMAN 118 ST ANDREWS DR CINCINNATI, OHIO 45245

I WISH YOU CONTINUED GOOD LUCK WITH THE ARCADIAN. MY FRIENDS AND I EAGERLY LOOK FORWARD TO EACH NEW ISSUE.

SINCERELY YOURS,

*Bob W.*